

Case 3540**AMPHIPORIDAE Rukhin, 1938 (Porifera, Stromatoporata, Amphiporida): proposed emendation to AMPHIPORAIDAE to remove homonymy with AMPHIPORIDAE McIntosh, 1873 (Nemertea, Hoplonemertea)**

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Abstract. The purpose of this application, under Articles 29 and 55.3 of the Code, is to emend the spelling of the family-group name AMPHIPORIDAE Rukhin, 1938 (Porifera, Stromatoporata, Amphiporida), a junior homonym of AMPHIPORIDAE McIntosh, 1873 (Nemertea, Hoplonemertea) thereby removing the homonymy between the two names. It is proposed that the stem of the generic name *Amphipora* Schulz, 1883, on which the stromatoporoid name is based, be emended to *Amphipora-* to give AMPHIPORAIDAE, while leaving the nemertean family-group name (based on *Amphiporus* Ehrenberg, 1831) unchanged.

Keywords. Nomenclature; taxonomy; Nemertea; Enopla; Hoplonemertea; AMPHIPORIDAE; *Amphiporus*; Porifera; Stromatoporata; Amphiporida; AMPHIPORAIDAE; *Amphipora*; nemerteans; stromatoporoids; Silurian; Devonian; European seas; cosmopolitan.

1. Family-group names based on the stem *Amphipor-* (Greek ‘*amphi*’ meaning around, on both sides and Greek ‘*poros*’ ‘narrow passage, strait’; the latter latinised to ‘*porus*’ with the sense of ‘channel in the body’) are in use in the order Hoplonemertea (Nemertea, Enopla) as AMPHIPORIDAE McIntosh, 1873 and in the order Amphiporida (Porifera, Stromatoporata) as AMPHIPORIDAE Rukhin, 1938. However, the homonymy between these family-group names has never been resolved. The homonymy between the two family-group names results from similarity of the names of their type genera. In accordance with Article 55.3 of the Code this case is referred to the Commission.

2. The family-group name AMPHIPORIDAE was initially introduced by McIntosh (1873, p. 134) for Nemertea, with the type genus *Amphiporus* Ehrenberg, 1831 (p. 63). According to Gibbon & Crandall (1991), the genus *Amphiporus* Ehrenberg, 1831 was originally established with one included species, *A. albicans* Ehrenberg, 1831. They argued that *A. albicans* Ehrenberg, 1831 should be regarded as a nomen nudum. Therefore, they referred the case to the Commission and proposed to designate the species *Planaria lactiflorea* Johnston, 1828 as type species of the genus *Amphiporus*. The generic name *Amphiporus* Ehrenberg, 1831 with the type species *Planaria*

lactiflorea Johnston, 1828 is listed in the Official List of Generic Names in Zoology (Opinion 1675, BZN 49: 157, June 1992). At present this genus includes many species (Gibson, 2001) from the European seas. The family name AMPHIPORIDAE is in widespread use as a valid name in the order Hoplonemertea and includes at least twenty-six genera.

3. Rukhin (1938, p. 42) proposed a family name (with the type genus *Amphipora* Schulz, 1883 (p. 245)) for Silurian-Devonian stromatoporoids (Porifera). The genus *Amphipora* Schulz, 1883, the type species of which is *Caunopora ramosa* Phillips, 1841 (p. 19), is used as a valid generic name. It contains about 20 species (Stearn et al., 1999). The family name AMPHIPORIDAE is also currently used as a valid name in the order Amphiporida (Porifera, Stromatoporata). According to Stearn et al. (1999), the family AMPHIPORIDAE Rukhin, 1938 contains five genera.

4. Of the two homonymous family-group names discussed above, the senior name AMPHIPORIDAE McIntosh, 1873 in the order Hoplonemertea has been in widespread use (e.g. Clarke & Johnston, 2003; Gibson, 2001, 2009) and it seems advisable to continue using this name as valid.

5. AMPHIPORIDAE Rukhin, 1938 in the order Amphiporida (Porifera, Stromatoporata) is also in use, with no known synonyms (Stearn et al., 1999). Considering that the nemertean name *Amphiporus* is in widespread use and on the Official List it is proposed that the stem of the poriferan type genus be emended to remove the homonymy. The family-group names are based on the identical stem *Amphipor-* and it is proposed that this homonymy be removed by using the entire generic name *Amphipora* as the stem for the formation of the stromatoporoid family name, leaving the nemertean name unaltered.

6. The International Commission on Zoological Nomenclature is accordingly asked:

- (1) to use its plenary power to rule that for the purposes of Article 29 of the Code the stem of the generic name *Amphipora* Schulz, 1883 is *Amphipora-*;
- (2) to place on the Official List of Generic Names in Zoology the name *Amphipora* Schulz, 1883 (gender: feminine), type species by original designation *Caunopora ramosa* Phillips, 1841;
- (3) to place on the Official List of Specific Names in Zoology the name *ramosa* Phillips, 1841, as published in the binomen *Caunopora ramosa* (specific name of the type species of *Amphipora* Schulz, 1883);
- (4) to place on the Official List of Family-Group Names in Zoology the following names:
 - (a) AMPHIPORIDAE McIntosh, 1873, type genus *Amphiporus* Ehrenberg, 1831 (Nemertea);
 - (b) AMPHIPORAIDAE Rukhin, 1938, type genus *Amphipora* Schulz, 1883 (spelling emended by the ruling in (1) above) (Porifera);
- (5) to place on the Official List of Rejected and Invalid Family-Group Names in Zoology the name AMPHIPORIDAE Rukhin, 1938 (type genus *Amphipora* Schulz, 1883) (Porifera).

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Comments on this case are invited for publication (subject to editing) in the *Bulletin*; they should be sent to the Executive Secretary, I.C.Z.N., c/o Natural History Museum, Cromwell Road, London SW7 5BD, U.K. (e-mail: iczn@nhm.ac.uk).